
REC 2101 Recreational Business Operations Management

Principles and techniques in recreational business management. Includes management and operation of restaurants, bars, and lounges, rental equipment units, and craft and recreational centers.

REC 2102 Advanced Morale, Welfare, and Recreation (MWR) Management

MWR management with emphasis on employee administration, procurement of resources and facilities, and organization of activities.

RTB 1803 TV Production

Advanced special effects and video-editing techniques; includes planning and producing TV productions, single and multiple concepts, dramatization techniques, and final product analysis.

RTB 1805 Electronic Field Production (EFP)

Setup and operation of EFP equipment under controlled and uncontrolled conditions; includes body braces and tripods, handheld operations, lighting requirements, pictorial continuity; operator maintenance; and practice with EFP video-editing systems.

Radio and Television Broadcasting

RTB 1101 Film/Video Lighting

Concepts and application of principles of lighting to various systems. Skills developed in both studio and remote location through lecture and application with primary emphasis on video production.

RTB 1102 Film/Video Editing

Concepts and principles of post-production editing. Includes film and video-editing techniques, equipment, and progression and sequencing with primary emphasis on video production.

RTB 1400 Introduction to Television Production

Various aspects of production; includes equipment use, direction techniques, control room responsibilities, floor management, color and black-and-white lighting techniques, studio operation, special effects, telecine theory, script analysis, and camera operation.

RTB 1801 Audio Mixing and Production

Basic audio theory. Includes use of microphones and tape recorders; techniques for splicing, editing, duplicating, storing, and handling equipment/materials; and user maintenance of audio equipment.

RTB 1802 TV Studio Operation

Principles for television production; includes personnel functions, control room responsibilities, set construction, camera operations, video switching, makeup techniques, fundamentals of color theory, telecine operations, TV lighting, and teleprompter operations.

Safety

SAF 1802 Missile, Explosives, and Nuclear Safety

Safety standards for handling, storing, transporting, and operating conventional and nuclear munitions and missiles.

SAF 1803 Accident Investigation

Accident investigation, reporting, and analysis with emphasis on trend analysis, statistical displays, report preparation, accident investigation, and system validation.

SAF 1808 Nuclear, Biological, and Chemical Safety

Physical properties, physiological effects, and safety measures concerning nuclear, biological, chemical, and other dangerous materials. First aid for chemical agent accidents and operational procedures and techniques for nuclear, biological, and chemical detection equipment; decontamination equipment; protective equipment; individual and collective protection; radiac instruments; and nuclear, biological, and chemical research programs.

SAF 1811 Safety Engineering

Safety techniques and program requirements concerning electrical problems, high-pressure liquids and gases, explosives, chemical safety, environmental health, and portable power handtool hazards. Protective equipment and procedures for machine guarding, hazard identification, safety color coding, and use of industrial shop safety surveys. Includes practical exercises in shop layout and resolving problems in storage, construction, and flight-line safety.

SAF 1812 Safety Management I

Basic philosophy of accident prevention; includes safety education and training reference materials and safety plans and programs.

SAF 2101 Flight Safety Management

Flight safety management and airfield safety operations. Includes history of flight safety, mishap classification and prevention, hazard abatement, inspection, evaluation, and reporting programs.

SAF 2604 Accident Prevention Management

Philosophy of weapons accident prevention, safety, and transportation with emphasis on inspection, classification, and mishap investigation and reporting.

SAF 2805 Safety Management II

Methods used in education and training relating to safety and accident prevention to include development and maintenance of related administrative materials and implementation of safety plans and programs.

SAF 2807 Advanced Safety Management

Safety standards pertaining to operation, transportation, and disposal of conventional and nuclear munitions and missiles; emphasis on inspection preparation and reporting as well as mishap investigation and reporting.

SAF 2809 Weapons Safety Program Management

Application of mishap investigation and safety inspection programs and procedures. Storage, flight-line handling, and transportation of weapons. Procedures for site planning, management of explosives ordnance disposal, and related waivers and deviations.

SAF 2810 Conventional Munitions

Safety problems relating to handling nonnuclear munitions; identification of general military explosives, flares and launchers, general ammunition, rockets and warheads, bombs and components, cluster munitions, fuses, training munitions, chemical agents and munitions, propellant actuated devices, and guided missiles.

Sanitation

SAN 1502 Field Water Purification Plant

Component identification and functions, installation setup procedures, principles of plant operation, water purification processes, and post-operational procedures.

SAN 1506 Vegetation Management

Identification of terrestrial weeds and characteristics of ornamental and turf pests, plant biology, and physiology; classification of herbicides, and aquatic pests; application of pesticides; and herbicide use problems.

SAN 1507 Pest Management

Application of integrated pest management program and performance of chemical control procedures. Includes medical and economic impact; introduction to entomology; and identification of household, structural, vertebrate, venomous, disease vectoring, and stored product pests.

SAN 1808 Environmental Support Equipment

General environmental support equipment, corrosion control procedures, use of hand and special tools, operation and maintenance of specific water and wastewater treatment support equipment, and pump maintenance.

SAN 2802 Water Analysis and Treatment Laboratory

Analysis of basic chemistry as it pertains to water/wastewater treatment, water testing procedures, and treatment of water for industrial use.

SAN 2803 Water Treatment Calculations and Equipment Laboratory

Operation and servicing procedures for anion and cation exchangers, monobed and dual-bed demineralizers, and resin-type ion exchangers. Procedures for treatment of closed-recirculating water systems.

SAN 2819 Environmental Support Contingency Training

Calculation of water quantities, operation and maintenance of the Eralator and reverse osmosis water purification units, installation and maintenance of field water distribution systems, and field testing of water.

SAN 2820 Water Plant Systems

Analysis of water plant components and industrial water treatment. Includes biological and chemical analysis of water.

Special Duty/Reporting Identifier Internship

SDI 3000 Special Duty Internship—Apprentice

Demonstrated knowledge and job proficiency (minimum 8 months) at apprentice level with rank of airman (E-2) or higher in career field represented by a Special Duty Identifier and Reporting Identifier.

SDI 5000 Special Duty Identifier—Journeyman

Demonstrated knowledge and job proficiency (minimum 8 months) at journeyman level with rank of airman (E-2) or higher in career field represented by a Special Duty Identifier and Reporting Identifier.

SDI 7000 Special Duty Identifier—Craftsman

Demonstrated knowledge and job proficiency (minimum 12 months) at craftsman/supervisor level with rank of staff sergeant (E-5) or higher or career field represented by a Special Duty Identifier and Reporting Identifier.

SDI 9000 Special Duty Identifier—Superintendent

Demonstrated knowledge and job proficiency (minimum 16 months) at supervisor/manager level with rank of master sergeant (E-7) or higher and completion of USAF Senior Noncommissioned Officer Academy in career field represented by a Special Duty Identifier and Reporting Identifier.

Security

SEC 1801 Marksmanship Laboratory

Qualification in automatic rifles, machineguns, and grenade launchers. Includes nomenclature, capabilities, and characteristics of specific weapons; operator care, cleaning, and maintenance procedures; application of marksmanship fundamentals; weapons safety practices;

analysis of use of force policies, clearing procedures, and function checks; employment of traversing and elevation devices; and ammunition types and uses.

SEC 1802 Security Operations and Duties

Normal and emergency security operations required in protection of Air Force physical, information, and personnel resources. Includes legal aspects and procedures for apprehension of suspects and search and seizure of persons, vehicles, and buildings; security reporting and alerting system and associated communications equipment; area sentry; missile security; mobile patrol; convoy escort duties; types and uses of tactical teams; response procedures for civil emergencies, aircraft crashes, natural disaster scenes, and duress alarms; and preparation of incident reports and forms.

SEC 1803 Security Police Tactics

Analysis and application of individual and small unit tactics used to counteract ground attacks and attempted penetrations directed at physical resources. Includes application of individual and team movement techniques, alarm and security response team deployment, basic fire and maneuver, antihijacking procedures, response to hostage situations, target recognition and identification, execution of fire control orders, control/use of key terrain, and deployment of convoy escorts.

SEC 1854 Physical Security Concepts and Procedures

Analysis of concepts and procedures for implementing physical security programs. Includes physical barriers, alarm systems, lighting systems, entry control procedures, locks and locking devices; establishment of restricted and controlled areas; sentry and mobile patrol posting requirements; and nuclear security requirements.

SEC 2803 Technical Security Functions

Application of concepts and procedures required to perform and supervise technical security functions. Includes disaster and hostage situation response options; tactical employment procedures; and supervision of base and installation security systems, resource protection, and military working dog programs.

SEC 2850 Intrusion Detection Equipment Operator

Analysis of characteristics, capabilities, limitations, and vulnerabilities of associated sensor subsystems and small permanent communications and display segment equipment. Emphasis on technical orders, system operation, and control of response forces.

SEC 2851 Closed-Circuit Television Operator

Analysis of characteristics, capabilities, limitations, and vulnerabilities of perimeter surveillance, and system closed-circuit television equipment. Emphasis on application of troubleshooting, system operation, and television monitoring to prevent unauthorized entry into controlled areas.

SEC 2853 Organization of Base Defense Forces

Organization and management of installation security forces. Includes evaluation of base threat analysis, preparation of security response options, and practical exercises in deployment of security police forces in response to various hostile threat scenarios.

SEC 2855 Support Weapons Qualification

Mortars, recoilless rifles, heavy machineguns, and/or grenade launchers. Nomenclature, characteristics, and capabilities of specific weapons systems; operator care, cleaning, and maintenance; weapons safety; tactical employment; forward observation; fire-direction center operations (mortar courses only); ammunition types and uses; practical exercises involving crew drills for gunners, assistant gunners, and ammunition bearers; and live firing qualification.

SEC 2856 Ground Defense Leadership/Management

Analysis and application of logistical and tactical planning for employment of security police units engaged in ground defense operations for US installations located in hostile areas. Includes concepts, principles, and organization for distributed area defense with emphasis on leadership of combat elements, patrol planning procedures, and integration of defense forces.

SEC 2857 Tactical Marksmanship Laboratory

Employment of fire team, squad, and flight weapons in tactical situations with emphasis on types and classes of fire and methods of engagement for personnel and materiel targets.

SEC 2858 Advanced Industrial Security Techniques

Application of specialized counterintelligence measures that enable special agent to perform technical surveillance countermeasure surveys. Extensive physical security requirements and investigative, electronic, construction, and related skills.

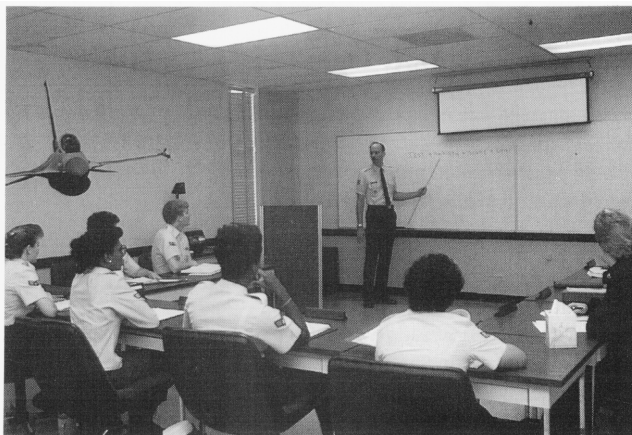
SEC 2859 Alarm System Vulnerability Inspections

Common types of alarm systems, their components and typical vulnerabilities.

Social Actions

SOC 1208 Applied Counseling Techniques

Counseling interviews; includes transactional analysis, group counseling, crisis intervention, telephone counseling, awareness of basic human needs, value clarification techniques, and conducting practice counseling sessions.

**SOC 1501 Introduction to Social Actions**

Fundamentals of social actions; includes structure, duties, and responsibilities of conducting a social actions program. Psychology of prejudice and personal growth, professional development, personality theory, lecture methods, group facilitation, drug and alcohol pharmacology, mental health terminology, history of drug and alcohol abuse, etiology and progressive characteristics of alcoholism, cross-cultural challenges, and awareness. Policies and procedures for a dynamic social actions program.

SOC 1502 Rehabilitation Management Program

Introduction to fundamental principles of rehabilitation management program. Topics include Privacy Act and case files, guided discussion methods, personnel dispositions and data systems, rehabilitation regimens, group facilitation, drug rehabilitation, supervisor confrontation models, and individual counseling.

SOC 2001 Social Actions Office Management

Development of team management, staff training programs, and media presentation as applied to social actions office and its programs. Includes report preparation and staffing, program management, interaction with legal counsel, quality control of cases, identification of social trends and issues, and program marketing techniques.

SOC 2004 Substance Abuse Case Presentation

The 12-core counselor functions of National Certification Reciprocity Consortium and their correlation to Air Force substance abuse counselor. A written case presentation with oral defense before an evaluation board.

SOC 2005 Social Actions Manager Seminar

Office administration; documentation requirements; team and resource management concepts; assistance visits; referral resources; education and counseling; equal opportunity and treatment; and substance abuse programs.

Solar Observation

S00 2501 Solar Theory and Related Principles

Advanced solar theory as applied to solar observation. Includes explanation of structure, characteristics, and features of sun; optics, spectroscopy, and Solar Observing Optical Network telescope system; computer application and operating principles; solar observations; and classification of solar data.

S00 2502 Solar Observing Optical Network System Operations

Advanced operating principles for Solar Observing Optical Network System; includes application of integrated telescopic, spectroscopic, photographic, and computer capabilities to analyze and encode solar observations.

Surveying

SUR 1501 Fundamentals of Surveying

Distance and direction measurements, horizontal control, traverse computation, and transit adjustment.

SUR 1502 Construction Surveys

Basic topographic mapping, road layouts, profile and cross-section surveys, vertical road alignments, earthwork computations, grade stakes, building layouts, and utility surveys.

SUR 2101 Airfield Siting

Site development and surveying of projected airfield locations; includes planning for lighting systems, aircraft arresting barriers, access roads, and future expansion.

SUR 2102 Functional Area and Shelter Siting

Specific planning for water, electrical, refuge, storage, and shelter areas; includes roads/accesses and free drainage computations.

Survival and Rescue

SVR 1301 Land and Water Survival Techniques

Survival techniques and equipment necessary for protecting aircrew technicians, patients, and passengers against perils inherent in entering a land or water environment after ditching or crash-landing.

SVR 1501 General Principles of Survival

Techniques for survival in a hostile environment; includes procurement of plant and animal food, food preparation and preservation, preparation and use of water, signaling and communications, campsite selection, shelter construction, firecraft, and burden carrying. Classroom and field location instruction.

SVR 1801 Special Survival Techniques

Survival techniques in Arctic, coastal, water, tropical, and desert environments. Includes procurement, care, clothing and equipment, and procedures for providing shelter and comfort and for obtaining, preparing, and preserving water and food. Classroom and field location instruction.

SVR 1802 Wilderness Living

Basic campcraft techniques for establishing and maintaining camps in a variety of wilderness environments. Includes backpacking; camouflage; and ropes, knots, and lashings used in camp construction.

SVR 1803 Map and Compass

Map reading and use of compass for navigation in wilderness areas; includes position determination, travel preparation, use of natural aids to navigation, route selection, and application of travel techniques. Classroom and field location instruction.

SVR 1804 Mountain Travel

Travel techniques required in mountainous terrain; includes mountain climbing and patient evacuation equipment; mountaineering techniques; navigation principles; establishment of trail camps; trip preparation; shelter and campsite selection and construction; emergency bivouac; and water and food procurement, preparation, and preservation. Classroom, outdoor tower, and mountainous field location instruction.

SVR 1805 Psychology of Environmental Stress

Stresses encountered in prisoner-of-war environments. Includes resistance to exploitation, international agreements relative to captivity and camp organization, and application of escape-and-evasion techniques. Communist history and theory, interrogation and indoctrination procedures, and group resistance in captivity.

SVR 1806 Search-and-Rescue Operations

Signaling and communication; guiding and directing recovery and rescue operations; coordinating activities with civilian and military agencies; techniques of management, operations, and tactics employed in air-ground search and rescue. Includes pickup devices, egress from fixed- and rotary-wing aircraft, pyro-techniques, litter and patient handling, and coordination of activities with other agencies. Classroom and field location instruction using actual equipment.

SVR 1807 Geographic Life Zones

Ethnic, environmental characteristics, and resources available for survival in each of major life zones; includes Arctic, open sea, tropic, coastal, and desert environments. Classroom and field location instruction.

SVR 1808 Environmental Health

Sanitation and personal hygiene under field conditions; emphasis on personal care, cleanliness, and disposition of waste under field conditions using sanitary and ecological methods.

SVR 1810 Fundamentals of Parachuting with Scuba Equipment

Practical use of parachutes and scuba gear; minimum of eight jumps to include day, night, tree, rough terrain, and water jumps in full scuba gear.

SVR 1817 Aircraft Familiarization

Familiarization with a variety of fixed- and rotary-wing aircraft used in rescue operations; includes aircraft nomenclature, aircrew duties and procedures, aircraft systems, weapons systems, and flight operations. Classroom, training simulator, and actual aircraft instruction.

SVR 1818 Pararescue Indoctrination

Pararescue techniques; includes medical terminology, anatomy, treatment of temperature-related injuries, medical kits, mountain indoctrination, and diving physics.

SVR 1819 Evasion and Recovery

Principles and practices of evasion and recovery. Includes use of clothing and equipment; procurement of food and water; application of methods of signaling; evasive traveling; provision of fire, shelter, medicine, and hygiene; and responsibilities during a search-and-rescue operation.

SVR 1821 Parachute Water Survival

Survival procedures after parachute entry into water; includes parachute and rafting procedures, hazards and medical aspects of aquatic survival, sustenance and survival living, and responsibilities during helicopter search-and-rescue attempts.

Transportation

TRN 1601 Passenger Routing

Travel requirements, modes of transportation, and baggage allowances; includes functions of automated passenger reservation systems, commercial carrier publications, passenger routing, and preparation of travel itineraries.

TRN 1602 Movement of Household Goods

Mileage guides and rate tariffs for cost determination of consolidated and single-lot shipments. Includes requirements for selection of carriers and principles of